

3. (Amended) A substantially purified DNA sequence consisting essentially of SEQ[.] ID[.] NO[.]: 1 or SEQ[.] ID[.] NO[.]:3, said DNA encoding a polypeptide, said polypeptide consisting essentially of SEQ[.] ID[.] NO[.]: 2 or SEQ[.] ID[.] NO[.]:4.

B<sup>4</sup> 4. (Amended) A substantially purified DNA sequence that hybridizes under stringent conditions to at least a fragment of SEQ[.] ID NO[.]:1 or SEQ[.] ID NO[.]:3, said fragment comprising at least 20 consecutive bases, said DNA sequence encoding a polypeptide that is at least 30% homologous with the receptor binding domain [an active site] of TRELL.

5. (Amended) A substantially purified DNA sequence [according to claim 2] wherein said sequence comprises [consists essentially of] SEQ[.] ID[.] NO[.]:1 or SEQ[.] ID[.] NO[.]:3, with conservative substitutions, alterations or deletions which do not abolish the biological activity of TRELL.

B<sup>5</sup> 7. (Amended) The molecule of claim 6 comprising SEQ[.] ID[.] NO[.]:1 or SEQ[.] ID[.] NO[.]:3.

9. (Amended) A substantially purified DNA sequence encoding TRELL having the amino acid sequence of SEQ[.] ID[.] NO[.]:2 or SEQ[.] ID[.] NO[.]:4.

B<sup>6</sup> 10. (Amended) A method for producing substantially pure TRELL comprising the steps of culturing the [unicellular] host of claim 8 and substantially purifying TRELL from said transformed host.